

F-9-R-12 Southwest Montana Fishery Study.

Job I. Inventory of the Waters in the Project Area.

Jack Creek Tagging Study.

The objectives were to determine the harvest and survival of hatchery reared trout in a stream. Many investigations have revealed <sup>low</sup> survival of hatchery trout stocked in streams #####, and as a result, the stocked trout should be harvested as soon as possible. Over 2200 jaw tagged trout were stocked in Jack Creek, a small tributary of the Madison River. The trout were divided into three plants, each two weeks apart in July and August. Information gathered from tag returns revealed a minimum of 20 percent of the fish were caught, and the majority of these were caught within a month after stocking. Shocking in October revealed only a small number of planted trout remained in the stream. The results of this project merely supports findings of many workers. This type of project will not be continued unless extremely heavy fishing pressure can be experienced on a stream.